

ABSTRACT OF THE DISCLOSURE

A replenishing liquid is filled in a replenishing liquid cartridge which is installed in a cartridge installation section of an image forming device. A seal, at which predetermined information including a cartridge ID for identifying that cartridge is encrypted and is printed as a two-dimensional bar code, is affixed to the replenishing liquid cartridge. When a new replenishing liquid cartridge is to be installed in the image forming device, the two-dimensional bar code printed on the seal is read, and, after being decrypted, the cartridge ID is extracted therefrom. Cartridge IDs of all replenishing liquid cartridges which have been installed in the image forming device in the past are stored in a table. By judging whether or not the extracted cartridge ID is not registered in the table, it is judged whether or not the replenishing liquid cartridge to be newly installed is a legitimate product.